

PTO-1449

U.S. Department of Commerce  
Patent and Trademark Office
 ATTY DOCKET NO. : 48000.1002u  
 APPLICATION NO. : 09/326,244  
 APPLICANTS : Daryl W. Hochman  
 FILING DATE : June 4, 1999  
 GROUP : 1623 / 43 /

 INFORMATION DISCLOSURE CITATION  
 (Use several sheets if necessary)

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|---------------------|-----|--------------------|---|---|---|---|---|---|----------|------------------|-------|--------------|-------------------------------|
| <i>Wt</i>           | ZAA | 4                  | 1 | 5 | 4 | 6 | 5 | 2 | 05.15.79 | Sawamura, et al. | 195   | 1.8          | 06.10.76                      |
| <i>Wt</i>           | ZAB | 5                  | 4 | 9 | 8 | 5 | 1 | 9 | 03.12.96 | Rubin, et al.    | 435   | 1.2          | 09.22.94                      |
|                     | AC  |                    |   |   |   |   |   |   |          |                  |       |              |                               |
|                     | AD  |                    |   |   |   |   |   |   |          |                  |       |              |                               |
|                     | AE  |                    |   |   |   |   |   |   |          |                  |       |              |                               |
|                     | AF  |                    |   |   |   |   |   |   |          |                  |       |              |                               |
|                     | AG  |                    |   |   |   |   |   |   |          |                  |       |              |                               |
|                     | AH  |                    |   |   |   |   |   |   |          |                  |       |              |                               |
|                     | AI  |                    |   |   |   |   |   |   |          |                  |       |              |                               |
|                     | AJ  |                    |   |   |   |   |   |   |          |                  |       |              |                               |
|                     | AK  |                    |   |   |   |   |   |   |          |                  |       |              |                               |

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|                     | AL |                    |  |  |  |  |  |  |      |         |       |              |                     |  |
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|                     | AO |                    |  |  |  |  |  |  |      |         |       |              |                     |  |
|                     | AP |                    |  |  |  |  |  |  |      |         |       |              |                     |  |

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|          |                    |                                |
|----------|--------------------|--------------------------------|
|          | AR                 |                                |
|          | AS                 |                                |
|          | AT                 |                                |
| EXAMINER | <i>M. G. Mason</i> | DATE CONSIDERED <i>4/24/00</i> |

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| Form PTO-1449  | U.S. Department of Commerce<br>Patent and Trademark Office | ATTY DOCKET NO.: 48000.1002U<br>APPLICATION NO.: <del>Unassigned</del> 04/326,241<br>APPLICANT: Daryl W. Hochman et al.<br>FILING DATE: June 4, 1999<br>GROUP: <del>Unassigned</del> 1631 |
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| <i>WJH</i>          | AA | 5 8 4 5 6 3 9      | 12.08.98 | Hochman et al.  | 128   | 653.1        | 11.11.94                      |
| <i>WJH</i>          | AB | 5 6 9 9 7 9 8      | 12.23.97 | Hochman et al.  | 128   | 653.1        | 06.07.95                      |
| <i>WJH</i>          | AC | 5 4 6 5 7 1 8      | 11.14.95 | Hochman et al.  | 128   | 653.1        | 06.07.93                      |
| <i>WJH</i>          | AD | 5 4 3 8 9 8 9      | 08.08.95 | Hochman et al.  | 128   | 653.1        | 06.08.92                      |
| <i>WJH</i>          | AE | 5 2 1 5 0 9 5      | 06.01.93 | Macvicar et al. | 128   | 665          | 08.10.91                      |
| <i>WJH</i>          | AF | 4 7 6 8 5 1 3      | 09.06.88 | Suzuki          | 128   | 634          | 03.30.87                      |
| <i>WJH</i>          | AG | 5 3 6 9 4 9 6      | 11.29.94 | Alfano et al.   | 356   | 446          | 11.13.89                      |
| <i>WJH</i>          | AH | 5 4 1 3 1 0 8      | 05.09.95 | Alfano          | 128   | 665          | 04.21.93                      |
| <i>WJH</i>          | AI | 4 9 7 2 3 3 1      | 11.20.90 | Chance          | 364   | 550          | 02.06.89                      |
| <i>WJH</i>          | AJ | 5 5 0 7 2 8 7      | 04.16.96 | Palcic et al.   | 128   | 633          | 04.27.95                      |
| <i>WJH</i>          | AK | 4 7 3 6 3 0 7      | 04.05.88 | Salb            | 364   | 518          | 04.04.86                      |

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|                     | AL |                    |      |         |       |              |                     |
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|                     | AO |                    |      |         |       |              |                     |
|                     | AP |                    |      |         |       |              |                     |

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|------------|------------|---|
| <i>WJH</i> | AR         | Hochman, Daryl W. et al., "Dissociation of Synchronization and Excitability in Furosemide Blockade of Epileptiform Activity," <i>Science</i> , Vol. 270, pp. 99-103 (6 October 1995). |
| <i>WJH</i> | AS         | Haglund, Michael M., M.D. et al., "Enhanced Optical Imaging of Human Gliomas and Tumor Margins," <i>Neurosurgery</i> , Vol. 38, No. 2, pp. 308-317 (February 1996).                   |
| <i>WJH</i> | AT         | Haglund, Michael M., M.D. et al., "Enhanced Optical Imaging of Rat Gliomas and Tumor Margins," <i>Neurosurgery</i> , Vol. 35, No. 5, pp. 930-941 (November 1994).                     |
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|---------------------|----|--------------------|----------|-------------------|-------|--------------|-------------------------------|
| <i>msy</i>          | BA | 5 8 5 5 2 0 5      | 01.05.99 | Papaionnou        | 128   | 664          | 07.03.95                      |
| <i>msy</i>          | BB | 5 8 0 7 2 6 1      | 09.15.98 | Benaron et al.    | 600   | 473          | 06.07.95                      |
| <i>msy</i>          | BC | 5 7 0 6 8 2 1      | 01.13.98 | Matcher et al.    | 128   | 665          | 12.30.94                      |
| <i>msy</i>          | BD | 5 8 4 0 0 3 5      | 11.24.98 | Heusmann et al.   | 600   | 477          | 02.01.96                      |
| <i>msy</i>          | BE | 5 7 1 3 3 5 2      | 02.03.98 | Essenpreis et al. | 128   | 633          | 12.14.95                      |
| <i>msy</i>          | BF | 5 8 5 4 8 5 1      | 12.29.98 | Bamberger et al.  | 382   | 132          | 08.11.94                      |
| <i>msy</i>          | BG | 5 8 6 5 7 3 8      | 02.02.99 | Morcos et al.     | 600   | 365          | 10.21.94                      |
| <i>msy</i>          | BH | 5 8 6 6 0 7 4      | 02.02.99 | Chapman et al.    | 422   | 82.09        | 12.20.96                      |
|                     | BI |                    |          |                   |       |              |                               |
|                     | BJ |                    |          |                   |       |              |                               |
|                     | BK |                    |          |                   |       |              |                               |

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|                     | BL |                    |      |         |       |              |                     |
|                     | BM |                    |      |         |       |              |                     |
|                     | BN |                    |      |         |       |              |                     |
|                     | BO |                    |      |         |       |              |                     |
|                     | BP |                    |      |         |       |              |                     |

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|            |   |   |
|------------|---|---|
| <i>msy</i> | BR  | Haglund, Michael M., M.D. et al., "Optical imaging of epileptiform and functional activity in human cerebral cortex," <i>Nature</i> , Vol. 358, No. 20, pp. 668-671 (August 1992)                         |
| <i>msy</i> | BS  | Hochman, Daryl W., PhC, "Intrinsic Optical Changes in Neuronal Tissue," <i>Neurosurgery Clinics of North America</i> , Vol. 8, No. 3, pp. 393-412 (July 1997).  |
| <i>msy</i> | BT  | Snow, Robert W. et al., "Electrophysiological and Optical Changes in Slices of Rat Hippocampus During Spreading Depression," <i>Journal of Neurophysiology</i> , Vol. 50, No. 3, pp. 561-572 (Sept. 1983) |
| EXAMINER   | <i>Daryl W. Hochman</i><br>DATE CONSIDERED <i>7/22/00</i> |   |

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|                     | CA |                    |      |      |       |              |                               |
|                     | CB |                    |      |      |       |              |                               |
|                     | CC |                    |      |      |       |              |                               |
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|                     | CF |                    |      |      |       |              |                               |
|                     | CG |                    |      |      |       |              |                               |
|                     | CH |                    |      |      |       |              |                               |
|                     | CI |                    |      |      |       |              |                               |
|                     | CJ |                    |      |      |       |              |                               |
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|                     | CL |                    |      |         |       |              |                     |
|                     | CM |                    |      |         |       |              |                     |
|                     | CN |                    |      |         |       |              |                     |
|                     | CO |                    |      |         |       |              |                     |
|                     | CP |                    |      |         |       |              |                     |

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| Mish     | CS              | Echevarria, Miriam et al., "Optical Measurement of Osmotic Water Transport in Cultured Cells," <i>J. Gen. Physiol.</i> , Vol. 99, pp. 573-589 (April 1992)  |
| Mish     | CT              | Newell, D.W. et al., "Glutamate and Non-Glutamate Receptor Mediated Toxicity Caused by Oxygen and Glucose Deprivation in Organotypic Hippocampal Cultures," <i>The Journal of Neuroscience</i> , Vol. 15, No. 11, pp. 7702-7711 (November 1995) |
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|                     | DA |                    |      |      |       |              |                               |
|                     | DB |                    |      |      |       |              |                               |
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|                     | DD |                    |      |      |       |              |                               |
|                     | DE |                    |      |      |       |              |                               |
|                     | DF |                    |      |      |       |              |                               |
|                     | DG |                    |      |      |       |              |                               |
|                     | DH |                    |      |      |       |              |                               |
|                     | DI |                    |      |      |       |              |                               |
|                     | DJ |                    |      |      |       |              |                               |
|                     | DK |                    |      |      |       |              |                               |

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|                     | DL |                    |      |         |       |              |                     |
|                     | DM |                    |      |         |       |              |                     |
|                     | DN |                    |      |         |       |              |                     |
|                     | DO |                    |      |         |       |              |                     |
|                     | DP |                    |      |         |       |              |                     |

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